OIPE #3020

PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/526,329

DATE: 04/03/2000 TIME: 11:09:01

Input Set: I526329.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.



		V	
1		APPLICANT: Croce, Carlo	
2	<120>	TITLE OF INVENTION: TCL-1b Gene and Protein and Related Methods ar	ıd
3		Compositions	
4	<130>	FILE REFERENCE: CROO1.NP003	
5	<140>	CURRENT APPLICATION NUMBER: US/09/526,329	
6	<141>	CURRENT FILING DATE: 2000-03-15	
7	<150>	EARLIER APPLICATION NUMBER: PROVISION 60/124,714	
8	<151>	CURRENT FILING DATE: 2000-03-15 EARLIER APPLICATION NUMBER: PROVISION 60/124,714 EARLIER FILING DATE: 1999-03-15	: U
9		NUMBER OF SEQ ID NOS: 63	
10	<170>	SOFTWARE: PatentIn Ver. 2.1	
11	<210>	SEQ ID NO 1	
12	<211>	LENGTH: 22	
13	<212>	TYPE: DNA	
14	<213>	ORGANISM: Artificial Sequence	
15		FEATURE:	
16	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
17	<400>	SEQUENCE: 1	
18		ggcagctcta ccccgggatg aa	22
19	<210>	SEQ ID NO 2	
20	<211>	LENGTH: 21	
21	<212>	TYPE: DNA	
22	<213>	ORGANISM: Artificial Sequence	
23		FEATURE:	
24	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
25	<400>	SEQUENCE: 2	
26		acagacctga gtgggacagg a	21
27	<210>	SEQ ID NO 3	
28	<211>	LENGTH: 21	
29	<212>	TYPE: DNA	
30	<213>	ORGANISM: Artificial Sequence	
31		FEATURE:	
32	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
33	<400>	SEQUENCE: 3	
34		tcctccttgg caggagtggt a	21
35	<210>	SEQ ID NO 4	
36	<211>	LENGTH: 21	
37	<212>	TYPE: DNA	
38	<213>	ORGANISM: Artificial Sequence	
39		FEATURE:	
40	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
41	<400>	SEQUENCE: 4	
42		cagttacggg tgctcttgcg t	21
43		SEQ ID NO 5	
44	<211>	LENGTH: 21	

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/526,329

DATE: 04/03/2000
TIME: 11:09:01

Input Set: I526329.RAW

45	<212>	TYPE: DNA	
46	<213>	ORGANISM: Artificial Sequence	
47		FEATURE:	
48	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
49	<400>	SEQUENCE: 5	
50		atggcctccg aagcttctgt g	
51	<210>	SEQ ID NO 6	
52		LENGTH: 21	
53		TYPE: DNA	
54		ORGANISM: Artificial Sequence	
55		FEATURE:	
56	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
57		SEQUENCE: 6	
58	1200	tggtcgtgcg gttcaatccc t	L
59	<210>	SEO ID NO 7	
60		LENGTH: 24	
61		TYPE: DNA	
62		ORGANISM: Artificial Sequence	
63		FEATURE:	
64		OTHER INFORMATION: Description of Artificial Sequence:TC5	
65		SEQUENCE: 7	
66	(400)	aatctggcca tggtctgcta tttc	Į.
67	-210×	SEQ ID NO 8	
68		LENGTH: 21	
69		TYPE: DNA	
70		ORGANISM: Artificial Sequence	
70		FEATURE:	
72	-2225	OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer	
72 73	<223 >	for TNG1	
73 74	-100>	SEQUENCE: 8	
75	(400)	tgcatcctc cagccaagga t	L
76	-210>	SEQ ID NO 9	
77		LENGTH: 21	
7.7 7.8		TYPE: DNA	
78 79		ORGANISM: Artificial Sequence	
		FEATURE:	
80	-2222	OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer	
81	(223)	for TNG1	
82 83	-400-	SEQUENCE: 9	
84		tggcctgcag aggctctcaa g	1
		SEQ ID NO 10	
85		LENGTH: 22	
86		TYPE: DNA	
87		ORGANISM: Artificial Sequence	
88		FEATURE:	
89		OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer	
90	<223>		
91	-400:	for TNG2	
92	<400>	SEQUENCE: 10	2
93	-030	graderates carreages of	
94	<ziu></ziu>	SEQ ID NO 11	

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/526,329

DATE: 04/03/2000
TIME: 11:09:01

Input Set: I526329.RAW

95	<211>	LENGTH: 23
96		TYPE: DNA
97	<213>	ORGANISM: Artificial Sequence
98		FEATURE:
99	<223>	OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer
100		for TNG2
101	<400>	SEQUENCE: 11
102		agtgggcaca tgttacagca ttc 23
103	<210>	SEQ ID NO 12
104	<211>	LENGTH: 21
105		TYPE: DNA
106		ORGANISM: Artificial Sequence
107		FEATURE:
108		OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer
109		SEQUENCE: 12
110	\ 1 00>	gcatccagga ctgtgccagc a 21
111	-210>	SEQ ID NO 13
		LENGTH: 22
112		
113		TYPE: DNA ORGANISM: Artificial Sequence
114		_
115		FEATURE:
116		OTHER INFORMATION: Description of Artificial Sequence:RT-PCR primer
117	<400>	SEQUENCE: 13
118		cccgccage cccgccgccc gc
119		SEQ ID NO 14
120		LENGTH: 22
121		TYPE: DNA
122		ORGANISM: Artificial Sequence
123		FEATURE:
124	<223>	OTHER INFORMATION: Description of Artificial Sequence:3'RACE primer
125		for TNG1
126	<400>	SEQUENCE: 14
127		ttgaacccag gtctcgtctg ac 22
128	<210>	SEQ ID NO 15
129	<211>	LENGTH: 22
130	<212>	TYPE: DNA
131	<213>	ORGANISM: Artificial Sequence
132		FEATURE:
133	<223>	OTHER INFORMATION: Description of Artificial Sequence:5' RACE primer
134		for TNG1
135	<400>	SEQUENCE: 15
136		aacgtaggat gtgcacagag ca 22
137	<210>	SEQ ID NO 16
138		LENGTH: 22
139		TYPE: DNA
140		ORGANISM: Artificial Sequence
141		FEATURE:
142		OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1b
143		primer
144	<400~	SEQUENCE: 16

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/526,329

DATE: 04/03/2000
TIME: 11:09:01

Input Set: 1526329.RAW

		_	
145		qagaacggtc aggacccaaa cc	22
146	<210>	SEQ ID NO 17	
147		LENGTH: 22	
148		TYPE: DNA	
149		ORGANISM: Artificial Sequence	
150		FEATURE:	
151	<223>	OTHER INFORMATION: Description of Artificial Sequence: murine Tcl1)
152		primer	
153	<400>	SEQUENCE: 17	
154		caggetatea agacetttae te	22
155	<210>	SEQ ID NO 18	
156	<211>	LENGTH: 23	
157	<212>	TYPE: DNA	
158	<213>	ORGANISM: Artificial Sequence	
159	<220>	FEATURE:	
160	<223>	OTHER INFORMATION: Description of Artificial Sequence: murine Tolli	b
161		primer	
162	<400>	SEQUENCE: 18	
163		tcaacctcgc atattactat gtc	23
164	<210>	SEQ ID NO 19	
165	<211>	LENGTH: 23	
166	<212>	TYPE: DNA	
167	<213>	ORGANISM: Artificial Sequence	
168		FEATURE:	
169	<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1	b
170		primer	
171	<400>	SEQUENCE: 19	
172		caaaggcaca aagtgagcaa gag	23
173	<210>	SEQ ID NO 20	
174	<211>	LENGTH: 23	
175	_	TYPE: DNA	
176	<213>	ORGANISM: Artificial Sequence	
177		FEATURE:	
178	<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1	b
179		primer	
180	<400>	SEQUENCE: 20	• •
181		aatgttggaa acttctcact cat	23
182		SEQ ID NO 21	
183		LENGTH: 23	
184		TYPE: DNA	
185		ORGANISM: Artificial Sequence	
186		FEATURE:	L
187	<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1	U
188		primer	
189	<400>	SEQUENCE: 21	22
190		actggaaact tgttctcatt cac	23
191		SEQ ID NO 22	
192		LENGTH: 23	
193		TYPE: DNA	
194	<213>	ORGANISM: Artificial Sequence	

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/526,329

DATE: 04/03/2000

TIME: 11:09:01

Input Set: I526329.RAW

	195	-22Ns	FEATURE:	
			OTHER INFORMATION: Description of Artificial Sequence: murine Tcl1b	
	197	\ZZJ/	primer	
		-400s	SEQUENCE: 22	
	199	(400)		23
		-210×	SEQ ID NO 23	
			LENGTH: 21	
			TYPE: DNA	
			ORGANISM: Artificial Sequence	
			FEATURE:	
			OTHER INFORMATION: Description of Artificial Sequence:murine Tcllb	
	206		primer	
		<400>	SEQUENCE: 23	
	208		cctggtctgc acaagagatg a	21
		<210>	SEQ ID NO 24	
	210	<211>	LENGTH: 22	
	211	<212>	TYPE: DNA	
	212	<213>	ORGANISM: Artificial Sequence	
			FEATURE:	
	214	<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1b	
	215		primer	
	216	<400>	SEQUENCE: 24	
	217		ctgtccactt gtggaagtta at	22
	218	<210>	SEQ ID NO 25	
	219	<211>	LENGTH: 23	
			TYPE: DNA	
	221	<213>	ORGANISM: Artificial Sequence	
			FEATURE:	
		<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1b	
	224		primer	
		<400>	SEQUENCE: 25	23
	226		cactigity agatyactus aca	23
			SEQ ID NO 26	
			LENGTH: 22	
			TYPE: DNA	
			ORGANISM: Artificial Sequence	
			FEATURE: OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1b	
	232 233	<223>	primer	
		-400>	SEQUENCE: 26	
	235	<400 <i>></i>		22
		c2105	SEQ ID NO 27	
			LENGTH: 21	
			TYPE: DNA	
			ORGANISM: Artificial Sequence	
			FEATURE:	
	241	<223>	OTHER INFORMATION: Description of Artificial Sequence:murine Tcl1b	
	242		primer	
	243	<400>	SEQUENCE: 27	
Please	Note:		gtggcagatg accacactct t	21
11 6		V I	have been detected in the Opposite Linking Plans and with	

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/526,329

DATE: 04/03/2000 TIME: 11:09:01

Input Set: I526329.RAW

Line	?	Erro	or/W	arning	Ī			Original Text			
451	- W		or	"Xaa"	used:	Feature	required	attatgttgc	cgaggctggt	cttgaactcg	tggcttcn
							required	ntagtgcctt	gtgtggcagg	agatttgtcc	ccatttac
							required	agaaagaaag	aaagaaagaa	agaaagaaag	aaagaaaa
							required	gagagaaaag	gnmggaagaa	aagaagaacg	gaaggaag
							required	nacatgtctc	ccagccattc	agctctgggc	tgggcttg
							required	ggcagagctg	tctntaaggg	atacatccac	cagaggtg
							required	agtatactaa	gaaataggtt	gcactgttac	attctctc
							required	tctntctcwc	acacacacac	acacacacac	acacacac
							required	ctacaaaagc	angtggcaag	cctacttggg	gcccttgc
							required	tgtgggctaa	gnawtntttt	ttacatctat	aaatggtg
							required	atatatatat	gtgtgtgtcc	tgtatgtttg	tgtncata
							required	tccccaaqc	actkqqtqca	aatataactg	wagctttt
								cagcagacac	cccaggcnct	gaggaagaag	acctaggt
							required	asaatattaa	ccacnacaac	aaacaaccca	gtctcagg
1175	W	"N"	or	"Xaa"	usea:	reature	required	apaacaccaa	ccacingcage		5